

Message Text

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ACTION ACDA-19

INFO OCT-01 EUR-25 EA-11 IO-13 ADP-00 AF-10 ARA-16 CIAE-00

DODE-00 PM-07 H-03 INR-10 L-03 NASA-04 NEA-10 NSAE-00

NSC-10 OIC-04 PA-03 PRS-01 RSC-01 SCI-06 SS-15

MBFR-03 USIA-15 SAJ-01 RSR-01 /192 W

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FM USMISSION GENEVA

TO SECSTATE WASHDC 595

INFO AMEMBASSY BONN

AMEMBASSY LONDON

AMEMBASSY MOSCOW

AMEMBASSY STOCKHOLM

AMEMBASSY TOKYO

AMEMBASSY VIENNA

USMISSION USUN NY

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MSG POUCHED TO:

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ROME SOFIA, WARSAW

DISTO

E.O. 11652: N/A

TAGS: PARM-SW

SUBJ: CCD: 614TH PLENARY MEETING, JULY 19, 1973

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1. SUMMARY: ECKERBERG (SWEDEN) ADDRESSING COMPREHENSIVE

TEST BAN (CTB) VERIFICATION ISSUE, SAID METHODS FOR SEISMOLOGICAL MONITORING ADVANCED TO POINT THAT RISKS FOR A VIOLATOR OF A COMPREHENSIVE TEST BAN HAVE BEEN MADE SUFFICIENTLY HIGH TO PROVIDE DETERRENCE. REFERRING TO USE OF SATELLITES TO VERIFY ABM TREATY, HE DISCUSSED UTILITY OF SATELLITE OBSERVATION FOR CTB AS VERIFICATION MEANS SUPPLEMENTARY TO SEISMIC TECHNIQUES. HE NOTED OBLIGATORY ON-SITE INSPECTIONS NOT POLITICALLY ACCEPTABLE, AND EXPRESSED THE OPINION THAT THEY ARE, IN ANY EVENT, NOT NEEDED FOR DETERRENCE. HE REAFFIRMED SWEDISH SUPPORT FOR "INSPECTIONS BY CHALLENGE". END SUMMARY

2. ECKERBERG IN A STATEMENT DIRECTED AT THE VERIFICATION ISSUE OF A CTB, CALLED THE RECENT EXPERTS MEETINGS VERY USEFUL. HE SAID CONCLUSION DRAWN BY SWEDISH DEL FROM INFORMAL MEETINGS WAS THAT TECHNICAL PROBLEMS OF VERIFICATION ISSUE "CANNOT ANY LONGER CONSTITUTE A REAL OBSTACLE TO A CTB." HE ACKNOWLEDGED THAT IT CLEAR SEISMOLOGICAL METHODS WILL NEVER DETECT, LOCATE AND IDENTIFY ALL EVENTS BUT STATED THIS NEED NOT BE GOAL. ESSENTIAL ELEMENT IS THAT RISKS FOR VIOLATOR BE MADE SO HIGH THAT THEY PROVIDE EFFECTIVE DETERRENCE AGAINST VIOLATIONS. IN OPINION OF SWEDISH DEL, METHODS OF SEISMOLOGICAL MONITORING NOW SUFFICIENTLY ADVANCED TO PROVIDE SUCH DETERRENCE, ALTHOUGH EXISTING METHODS SHOULD BE STRENGTHENED BY ADDITIONAL OPERATIONAL RESOURCES SUCH AS MODERN STATIONS AND IMPROVED DATA EXCHANGE TO INCLUDE IDENTIFICATION DATA. HE SUPPORTED IDEA OF ESTABLISHING AN INTERNATIONAL ORGANIZATION FOR EXCHANGE OF DATA NEEDED FOR A CTB. THIS PROCEDURE NEED NOT AWAIT AGREEMENT ON A CTB TREATY. IT MIGHT STIMULATE EMERGENCE OF TREATY.

3. ECKERBERG SAID IT ALSO UNDERSTOOD THAT SEISMIC IDENTIFICATION COULD BE MORE DIFFICULT UNDER CONDITION OF CTB BECAUSE OF POSSIBLE EVASION TECHNIQUES. HE REFERRED TO AMB TREATY AS SYMPTOMATIC OF NEW CONCEPT OF OPENNESS AIMED AT PREVENTING EVASION AND URGED CLAUSE IN CTB TREATY LIKE THAT IN AMB TREATY WHEREUNDER EACH PARTY UNDERTAKES NOT TO IMPEDE VERIFICATION THROUGH NATIONAL TECHNICAL MEANS. THIS, COUPLED WITH CONSULTATIONS, COULD PRODUCE SAME LEVEL OF ASSURANCE. LIMITED OFFICIAL USE

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HE NOTED THAT PRIMARY RESPONSIBILITY FOR VERIFYING SALT AGREEMENTS HAS BEEN GIVEN TO SATELLITE PHOTOGRAPHY. WHILE SEISMIC TECHNIQUES ARE EXPECTED TO REMAIN PRIMARY MEANS OF CONTROL FOR CTB, CONSIDERABLE INTEREST ALSO EXISTS REGARDING POSSIBILITIES OF SATELLITE OBSERVATION TO PROVIDE VALUABLE SUPPLEMENTARY INFORMATION. IN ADDITION TO RECONNAISSANCE OF KNOWN UNDERGROUND TESTING AREAS, SATELLITES COULD BE USEFUL IN DEALING WITH PROBLEM OF FALSE ALARMS BY CONFIRMING LACK

OF HUMAN ACTIVITIES IN UNINHABITED AREAS. REFERRING TO ADVOCACY BY SOME COUNTRIES OF INTERNATIONAL MANAGEMENT OF SATELLITES TO MONITOR THE WEATHER, HE SAID IT WOULD BE IN INTERESTS OF GREAT MAJORITY OF STATES TO INTERNATIONALIZE SATELLITE OBSERVATION FOR CONTROL PURPOSES, INCLUDING CTB VERIFICATION.

4. THE SWEDISH DEL ACKNOWLEDGED THAT ON-SITE INSPECTIONS COULD SUPPLEMENT SEISMIC MONITORING FOR EVENTS THAT ARE LOCATED BUT NOT IDENTIFIED, BUT SAID SUCH EVENTS DECREASING. HE NOTED THAT OBLIGATORY ON-SITE INSPECTIONS ARE NOT POLITICALLY ACCEPTABLE TO ALL STATES AND, IN ANY EVENT, ARE NOT NEEDED FOR DETERRENCE. HE SAID THERE ARE STILL UNANSWERED QUESTIONS ABOUT ON-SITES, E.G. HOW LARGE THE AREA TO BE INSPECTED; HOW MANY ON-SITES REQUIRED; AND IF ALL PARTIES TO TREATY HAVE EQUAL RIGHTS COULD THIS NOT LEAD TO VERY LARGE TOTAL NUMBER OF INSPECTIONS. HE EXPRESSED CONVICTION THAT INSPECTION BY INVITATION ONLY OBVIOUS SOLUTION AND REITERATED SUPPORT FOR "VERIFICATION BY CHALLENGE" ENTAILING GRADUALLY MORE RIGOROUS SEQUENCE OF INQUIRIES, WITH INSPECTION AS LAST RESORT.

5. NEXT PLENARY MEETING JULY 24.

DECONTROL AFTER JULY 19, 1974.

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